

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	63	lago-frank-m.in.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/24 10:07
S4	2197	mallinckrodt.as.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 12:07
S6	9	hughes-michael-scott.in.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:29
S7	7951	((604/27,152,202,140,82,85,218) or (222/1,386,145.1) or (600/420,432)).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/19 12:11
S8	20264	((604/82-85,92,93.1,131,140,150,87,181,183,187,218) or (222/145.1,145.5,326,386) or (424/9.5,9.52) or (600/300,407,410,419,420,437,458,427,431-432)).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 08:07
S9	14	((4135510") or ("1004351") or ("6447158") or ("5368382")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 16:01
S10	233	"radial flow channels"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 12:52
S18	6	((("5824232") or ("20050215954") or ("6554792"))).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 08:35

S19	4	(("5406950") or ("20030185756")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/19 15:02
S22	24	("2778360").URRN.	USPAT	OR	ON	2007/07/19 15:24
S23	11	"fluid suspension apparatus"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:35
S24	35509	suspension and colloid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:35
S25	19638	S24 and (device or apparatus)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:36
S26	1323	S25 and radial	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:36
S27	370	S26 and axial	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:39
S30	2	"20040027914"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:40
S31	51	circumferential and axial and radial	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/19 15:41
S32	14	("2585815"   "3216616"   "3353718"   "3417904"   "3677448").PN. OR ("4135510").URRN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/19 15:44

S33	7857	suspension near fluid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 08:07
S34	1100	S33 and (syringe or needle)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 08:12
S35	60	marble and maze and game	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 08:14
S36	620	(ball or bearing) and maze and game	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 08:15
S37	11	("0939050"   "1147173"   "1982633"   "3423872"   "3462148").PN. OR ("3747930").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 08:16
S38	17	("0446672"   "0456826"   "0644209"   "1768016"   "2390458"   "3008716").PN. OR ("3844562").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 08:17
S39	13	("0859767"   "2061135"   "2390458"   "2788974"   "3552750"   "4066265").PN. OR ("4251075").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 08:17
S40	13	("0417931"   "0598889"   "0600698"   "2011266"   "4066265"   "4452455").PN. OR ("4570935").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 08:28
S41	117	S36 and circle and (multiple or plurality)	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 08:19
S42	1	("446872").URPN.	USPAT	OR	ON	2007/07/25 08:23
S43	1	("446872").URPN.	USPAT	OR	ON	2007/07/25 08:23

S44	100	(("20050215954") or ("4020152") or ("4069306") or ("4124705") or ("4243652") or ("4310507") or ("4311555") or ("4374642") or ("4522840") or ("4542038") or ("4588574") or ("4615879") or ("4889931") or ("4916094") or ("4944938") or ("4978763") or ("4985233") or ("5023072") or ("5179955") or ("5229466") or ("5240628") or ("5261939") or ("5268466") or ("5310538") or ("5312615") or ("5312616") or ("5323780") or ("5326553") or ("5326586") or ("5330740") or ("5334370") or ("5336484") or ("5368837") or ("5368840") or ("5372800") or ("5385720") or ("5385721") or ("5409688") or ("5445810") or ("5558854") or ("5607661") or ("5626832") or ("5772984") or ("6156292") or ("6190774") or ("6261679") or ("6337082") or ("6342343") or ("6368782") or ("6387077")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 08:29
S45	6	("6554792") or ("5406950") or ("20030185756").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 08:29
S46	14	((("4135510") or ("6447158") or ("5368382") or ("1004351"))).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 08:57
S47	377	passive near (mixer or "mixing device")	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 08:58
S48	41	passive near (mixer or "mixing device") and (suspension or suspendable or suspended)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:01
S49	7012	maintain adj3 suspension	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:18
S50	298	S49 and (circumference or circumferential or rings) and (axial or bore) and (radius or radial or radially)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:24

S51	53375	mixing adj chamber	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:24
S52	3126	S51 and (circumference or circumferential or rings) and (axial or bore) and (radius or radial or radially)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:24
S53	2465	S52 and (channel or path or ditch or groove)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 09:25
S54	466	S53 and (suspension or suspendible or suspended)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/07/25 10:22
S55	2	("20050286343").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 10:22
S56	0	("2005/0286343").URPN.	USPAT	OR	ON	2007/07/25 10:25
S57	58	((("5779986") or ("4,874,248") or ("3,377,139") or ("2,092,992") or ("2,169,338") or ("2,960,318") or ("2,469,999") or ("4,261,175") or ("2,798,698") or ("2,740,696") or ("2,734,728") or ("2,774,577") or ("3,062,627") or ("2,730,338"))).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 10:26
S58	8	((("5053019") or ("4596555") or ("4638809") or ("5897530")) .PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/07/25 10:30
S59	22	((("1948388"   "2515956"   "2647514"   "2711734"   "2939459"   "3673411"   "3746216"   "3749084"   "4044758"   "4122836"   "4190046"   "4241728").PN OR ("5053019").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 10:35
S60	42	((("3760806"   "4201207"   "4386929"   "4419096"   "4741733"   "4904239"   "5061245"   "5083678"   "5137175"   "5178610"   "5298025").PN. OR ("5897530").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/07/25 10:35

S61	21	(["3756390"   "3801818"   "3814941"   "4361155"   "4479578").PN. OR ("4638809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:35
S62	49	(["2954028"   "3001525"   "3305446"   "3322114"   "3756237"   "3756390"   "3760984"   "3797485"   "3797494"   "3845770"   "3846603"   "3854480"   "3921635"   "3921636"   "3941126"   "3948254"   "3976068"   "3993072"   "3993073"   "3995631"   "4061141"   "4177256"   "4203439"   "4217894"   "4233973"   "4256104"   "4323457").PN. OR ("4596555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:44
S63	2767	(S59 or S60 or S52 or S62 or S58 or S57) and (radius or radially or inward or inwardly)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:45
S64	75	(S59 or S60 or S61 or S62 or S58 or S57) and (radius or radially or inward or inwardly)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:53
S65	168	"radial flow channels"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:53
S66	37	(["1690564"   "1742768"   "1861576"   "2255937"   "2864505"   "3020977"   "3237771"   "3361260"   "3668837"   "3739916"   "4092246"   "4154688"   "4406787"   "4439321"   "4609466"   "4681605"   "4738778"   "4824564"   "4898670"   "5232595"   "5266195"   "Re33502").PN. OR ("5824232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:04
S67	10	((["5824232"] or ("4834187") or ("5224187") or ("6354729") or ("4824564")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:15
S68	37	(["1690564"   "1742768"   "1861576"   "2255937"   "2864505"   "3020977"   "3237771"   "3361260"   "3668837"   "3739916"   "4092246"   "4154688"   "4406787"   "4439321"   "4609466"   "4681605"   "4738778"   "4824564"   "4898670"   "5232595"   "5266195"   "Re33502").PN. OR ("5824232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:05
S69	23	(["2149446"   "2557162"   "2719589"   "2736386"   "2808114"   "2867282"   "3613794"   "3773111"   "3888313"   "4319640"   "4700894"   "4760886").PN. OR ("4834187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:05
S70	9	((["2280272"   "3194540"   "4564333"].PN. OR ("6354729").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:05
S71	36	((["1896310"   "2071527"   "3344925"   "3726407"   "4452697"].PN. OR ("4824564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:08
S72	3391	((["mixing apparatus" or "mixing device"].ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:11

S73	95	S72 and (radial or radially) and (circumferential or circumference) and (axial or axially)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:11
S74	9	("2280272"   "3194540"   "4564333").PN. OR ("6354729".URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 15:09
S75	15	("3194540").URPN.	USPAT	OR	ON	2007/08/01 15:11
S76	569	"distributive mixing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:22
S77	42	"tumble-blenders" "ribbon-blenders" "Structured-distributive mixers"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:16
S78	5596	"tumble blenders" "ribbon blenders" "Structured distributive mixers"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:17
S79	2	"Structured distributive" adj (mixing or mixer or agitat\$3 or blend\$3 or amalgam\$5 or integrat\$3 or separat\$3 or fusion\$3 or interfusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:39
S80	2	"Structured-distributive" adj (mixing or mixer or agitat\$3 or blend\$3 or amalgam\$5 or integrat\$3 or separat\$3 or fusion\$3 or interfusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:22
S81	582	"distributive" adj (mixing or mixer or blender or agitator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:23
S82	10	S81.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:23

S83	209	\$81 and static	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:25
S84	48	\$81 and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:29
S85	20741	(static or stationary or motionless or fixed or immobile or inactive or inert or latent or passive or rigid of stagnant or standing or still or unfluctuating or unmoving or unvarying) adj (mixer or mixing or blender or blending or agitating or agitator or distributive or distributor)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:32
S86	8886	\$85 and fluid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:32
S87	1572	\$86 and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:38
S88	961	"16" and channel	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 15:38
S89	2001	(mixing or mixer or agitat\$3 or blend\$3 or amalgam\$5 or integral\$3 or separat\$3 or fusion\$3 or interfusion) and fluid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 11:32
S90	1	"07/923,585"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:01
S91	19	"923,585"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:02

S92	292	kawasaki-kenji.in.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:02
S93	292	S92 and ay@="03081992"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:03
S94	292	S92 and ay@="08031992"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:04
S95	0	S92 and @ay="08031992"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:05
S96	0	S92 and @ay="03081992"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/01 16:05
S97	10	("4039170"   "4403863"   "4552463"   "4560284"   "4619531"   "4632568"   "4801210"   "4830505"   "4848920"),PN, OR ("5368382"),URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/01 16:10
S98	0	"aspirating a syringe".ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:27
S99	0	"method of aspirating a syringe"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:28
S100	0	"aspirating a syringe"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:28

S101	27	"aspirating syringe".ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:53
S102	0	"method of filling".ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:54
S103	0	"method of filling a syringe"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 07:54
S104	3308	"method filling".ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:13
S105	77476	(prevent or maintain or stop or limit or impede or avert or counteract or hamper or hinder or inhibit or interrupt or obstruct or retard or restrict) near3 (suspension or colloid or mixture or slurry or mash or dispersal or "dispersed particle" or "dispersed mixture" or "dispersed medium")	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:20
S106	25776	S105 and fluid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:20
S107	9464	S105 and channels	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:21
S108	27606	S105 and (channel or canal or compartment or gutter or trough or passage or passageway or groove or flute or fluting or track or rut or stria or striation or rill)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:23
S109	13637	S108 and fluid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:23

S110	12622	S108 and suspension	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:23
S113	9150	S110 and (fluid or liquid)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:24
S114	4137	S113 and (reservoir or cistern or sump or tank)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:25
S115	2879	S114 and (plate or baffle or damper or disk or disc)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:53
S117	15	"pharmaceutical colloids"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:53
S118	15	"pharmaceutical colloid"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:53
S119	28	(pharmaceutical or medical) adj colloid\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/02 08:54
S120	49	((("0964730") or ("1428043") or ("3373906") or ("3378168") or ("3464412") or ("3858853") or ("4147621") or ("4776704") or ("4941751") or ("5071040") or ("5246670") or ("5286857") or ("5330426") or ("5352036") or ("5395323") or ("5716339") or ("5725500") or ("5891087") or ("6033645")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/02 09:13
S121	10	((("5053019") or ("4596555") or ("4638809") or ("5897530") or ("5077013")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/02 09:16

S122	7	((("4596555") or ("9608227")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/02 09:18
S123	21	((("0148116") or ("3814941") or ("9211928") or ("2317010") or ("4207202") or ("4183682")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/02 09:22
S124	12	((("4753536") or ("3520772") or ("4049241") or ("0148116")).PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/08/02 09:23
S125	17	((("0571196"   "1514132"   "2075867"   "3733057").PN. OR ("4049241").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:23
S126	14	((("4572210"   "4613326"   "4732162"   "4898580"   "5395325"   "5476449").PN. OR ("5891087").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:27
S127	10	((("4568335"   "4850966"   "5246670"   "5352036"   "5489266"   "5603695").PN. OR ("5725500").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:27
S128	33	((("1961023"   "2688967"   "3330282"   "3807119"   "3967759"   "4067333"   "4235235"   "4424057"   "4439184"   "4496344"   "4599082"   "4613326"   "4668223"   "4792329"   "4820286"   "4822340"   "4874381"   "4968299"   "5089670"   "5080649"   "5139490"   "5364369"   "5383984").PN. OR ("5716339"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:33
S129	22	((("1948388"   "2516956"   "2647514"   "2711734"   "2939459"   "3673411"   "3746216"   "3749084"   "404758"   "4122836"   "4190046"   "4241728").PN. OR ("5053019").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:28
S130	17	((("1189478"   "2512471"   "2833840"   "3223388"   "3709468"   "3790030"   "4049241"   "4093188"   "4117551"   "4511258"   "4850704"   "4884894").PN. OR ("5277494").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:28
S131	0	(S125 or S117 or S127 or S128 or S129 or S130) and (circumfren\$4 or radial3 or axial3)	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:34
S132	33	(S125 or S117 or S127 or S128 or S129 or S130) and (radially)	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:34
S133	0	(S125 or S117 or S127 or S128 or S129 or S130) and radially and circumferentially	US-PGPUB; USPAT; USOOR	OR	ON	2007/08/02 09:34

S134	0	(S125 or S117 or S127 or S128 or S129 or S130) and radially and circumference	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 09:35
S135	17	(S125 or S117 or S127 or S128 or S129 or S130) and radially and axial	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 09:35
S136	1132584	(mixing or mixer or agitat\$3 or blend\$3 or amalgam\$5 or integral\$3 or separat\$3 or fusion\$3 or interfusion) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	ON	2007/08/02 11:35
S137	64538	S136 and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	ON	2007/08/02 11:36
S138	31508	S137 and (suspension or colloid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	ON	2007/08/02 11:36
S139	2033	S138 and (contrast adj (agent or dye))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	ON	2007/08/02 11:36
S140	2	("5368382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	OFF	2007/08/29 07:05
S141	10	("4039170"   "4403863"   "4552463"   "4560284"   "4619531"   "4632568"   "4801210"   "4830505"   "4848920").PN. OR ("5368382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/29 07:21
S142	19	("3328003"   "3881701"   "4112520"   "4316673"   "4560284"   "Re28072").PN. OR ("4632568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/29 07:22
S143	16	("3328003").URPN.	USPAT	OR	ON	2007/08/29 07:23
S144	42	("3051453"   "3195865"   "3239197"   "3328003"   "3406947"   "3470912"   "3506244").PN. OR ("3620506").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/29 07:23
S145	6	((("4264212") or ("5582251") or ("4264212")) or ("6450679")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	OFF	2007/08/29 07:32

S146	3784	(in-line or "inline") and static and mixer	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/29 07:34
S147	21	((in-line or "inline") and static and mixer).ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/29 07:33
S148	5918	(in-line or "inline") and static and (mixer or mixing)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/08/29 07:34
S149	6470	"tube pump"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:35
S150	2	("6354729").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPC; DERWENT	OR	OFF	2007/09/19 06:30
S151	1257	S149 and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:40
S152	98	"cement pump" and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:41
S153	12	S152 and pump.ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:42
S154	449	"pumping mechanism" and reservoir and pump.ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:43

S155	107	"tubing pump" and reservoir and pump.ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 06:44
S156	483078	"tubing pump" and (concrete or cement) or reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:38
S157	121	"tubing pump" and (concrete or cement) and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:39
S158	1042	((concrete or cement)adj pump).ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:41
S159	34	((concrete or cement)adj pump).ti. and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:45
S160	4	"sludge pump".ti. and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:41
S161	20	"slurry pump".ti. and reservoir	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:46
S162	400	("slurry pump".ti. or "sludge pump".ti. or ((concrete or cement) adj pump).ti.) and piston	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/19 07:50
S163	2	("5857490").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/19 07:59

S164	2	("3,994,624").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/19 08:00
S165	244	"fluid mixing" and hopper	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/24 10:36
S166	2	("6354729").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/24 10:08
S167	9	("2280272"   "3194540"   "4564333").PN. OR ("6354729").UPRN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/09/24 10:09
S168	154302	S167 and reservoir or hopper	US-PGPUB; USPAT; USOOR	OR	ON	2007/09/24 10:09
S169	1	S167 and (reservoir or hopper)	US-PGPUB; USPAT; USOOR	OR	ON	2007/09/24 10:10
S170	1348	stator and rotor and mixing and (reservoir or hopper)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:00
S171	28462	hopper.ti.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:00
S172	2	S171 and S170	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:01
S173	2	("6837397").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/24 11:02

S174	4	S170 and reservoir.ti.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:02
S175	2	("5368382").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/26 06:33
S176	781	"pressure feed pipe"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPC; DERWENT	OR	ON	2007/09/26 06:33
S177	95	S176 and reservoir	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/26 06:34
S178	290	"tubing pump" and (cement or concrete)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/26 06:35
S179	2	S177 and (cement or concrete)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPC; DERWENT	OR	ON	2007/09/26 06:35
S180	121	S178 and reservoir	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/26 06:36

S181	1	S180 and pump.ti.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/26 06:35
S182	24	"cement pump".ti.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/26 06:37
S183	2	("4767415").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2008/01/29 09:44
S184	9	("2711734"   "4122836"   "4190046"   "4241728"   "4281655"). PN. OR ("4767415").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:44
S185	9	("2711734"   "4122836"   "4190046"   "4241728"   "4281655"). PN. OR ("4767415").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:44
S186	32	("0964730"   "1428043"   "3373906"   "3378168"   "3464412"   "3760806"   "3858853"   "4147621"   "4596555"   "4776704"   "4941751"   "5030203"   "5053019"   "5071040"   "5246670"   "5286257"   "5318530"   "5330426"   "5352036"   "5395323"   "5716339"   "5725500"   "5806519"   "5891087"   "5897530"   "6033645"   "6177061").PN. OR ("6554792").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:45
S187	17	("1189478"   "2512471"   "2833840"   "3223388"   "3709468"   "3790030"   "4049241"   "4093188"   "4117551"   "4511258"   "4850704"   "4884894").PN. OR ("5277494").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:45
S188	58	S184 or S185 or S186 or S187	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:46
S189	51	("1391325"   "3013697"   "3028052"   "3140078"   "3153531"   "3164303"   "3373906"   "3417971"   "4189065"   "4277184"   "4671263"   "4810249"   "4906231"   "4952065"   "4973168"). PN. OR ("5071040").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/01/29 09:47
S190	2	("5368382").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2008/01/29 09:49

S191	10	(["4039170"   "4403863"   "4552463"   "4560284"   "4619531"   "4632568"   "4801210"   "4830505"   "4848920").PN. OR ("5368382").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:53
S192	18	(["2835481"   "3266780"   "3701619"   "3856270"   "4018426"   "4299655").PN. OR ("4560284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:54
S193	19	(["3328003"   "3881701"   "4112520"   "4316673"   "4560284"   "4928072").PN. OR ("4632568").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:54
S194	32	(["2505355"   "3051452"   "3286992"   "3404869"   "3583678"   "3664638"   "3704006"   "3785620"   "3871624"   "3923288"   "3989434"   "4201480"   "4541982"   "4614440").PN. OR ("4848920").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:55
S195	50	S193 or S193 or S194	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:55
S196	37	(["0128693"   "1390096"   "1857348"   "3018841"   "3041051"   "3361412"   "3693457"   "3756570"   "3913894"   "3941355"   "4129624"   "4135180"   "4441823"   "4647212"   "4848920"   "5137369"   "5232283"   "5237369"   "5460449"   "5547281"   "5663129"   "5928521"   "5997283"   "6000839"   "6033103").PN. OR ("6447158").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 09:56
S197	2	(["6354729"].PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	OFF	2008/02/07 08:38
S198	21	(["2835481"   "3266780"   "3701619"   "3856270"   "4018426"   "4299655").PN. OR ("4560284").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:16
S199	4	((["5137369"] or ("4869849")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	OFF	2009/01/16 14:19
S200	40	(["2815532"   "3457342"   "3458900"   "3469279"   "3701619"   "3856270"   "3881701"   "3968307"   "4134954"   "4197020"   "4307054"   "4414276"   "4869849").PN. OR ("5137369").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:22
S201	37	(["2125245"   "3045984"   "3377139"   "3388668"   "3582048"   "3593964"   "4068830"   "4396529").PN. OR ("4869849").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:22

S202	39	(["0128693"   "1390096"   "1857348"   "3018841"   "3041051"   "3361412"   "3693457"   "3756570"   "3913894"   "3941355"   "4129624"   "4135180"   "4441823"   "4647212"   "4848920"   "5137369"   "5232283"   "5237369"   "5460449"   "5547281"   "5863129"   "5928521"   "5997283"   "6000839"   "6033103").PN. OR ("6447158").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:24
S203	50	(["3206170"   "3526391"   "3623704"   "3701619"   "3782694").PN. OR ("3856270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:24
S204	19	(["2422809"   "2460831"   "2460964"   "3605183").PN. OR ("4135180").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 14:27
S205	70	(["1428043"   "3373906"   "3378168"   "3464412"   "3760806"   "3858853"   "4147621"   "4596555"   "4596555"   "4638809"   "4776704"   "4941751"   "5030203"   "5053019"   "5053019"   "5071040"   "5246670"   "5286257"   "5318539"   "5330426"   "5352036"   "5395323"   "5716339"   "5725500"   "5806519"   "5891087"   "5897530"   "5897530"   "6033645"   "6177061"   "0964730").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/16 14:35

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